

FORM PTO-1390
(REV. 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

1079-PCT-US-02

10/509717

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.

PCT/US03/10000

INTERNATIONAL FILING DATE

1 April 2003

PRIORITY DATE CLAIMED

1 April 2002

TITLE OF INVENTION

APPARATUS FOR IRRADIATING FLUIDS WITH UV

APPLICANT(S) FOR DO/EO/US

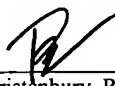
NEOFOTISTOS, Paris

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 C.F.R. 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/509717		INTERNATIONAL APPLICATION NO. PCT/US03/10000		ATTORNEY'S DOCKET NUMBER 1079-PCT-US-02	
21. <input type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1100.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$950.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$790.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT = Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				CALCULATIONS PTO USE ONLY	
				\$ 790.00	
				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total Claims	11 -20=	0	X \$18.00		
Independent claims	2 - 3=	0	X \$88.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$300.00		
TOTAL OF ABOVE CALCULATIONS =					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. +					
SUBTOTAL =				790.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
TOTAL NATIONAL FEE =				+	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
TOTAL FEES ENCLOSED =				790.00	
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 790.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 50-2719 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2719. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: <div style="display: flex; justify-content: space-between;"> <div> Customer No. 035811, whose contact information is: IP Department of Piper Rudnick LLP One Liberty Place, Suite 4900 1650 Market Street Philadelphia, PA 19103 (215) 656-3381 </div> <div style="text-align: right;">  T. Daniel Christenbury, Reg. No. 31,750 </div> </div>					

10/509717

DTOS Neo's PCT/PTO 01 OCT 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit	:		Customer No. 035811
Examiner	:		
Serial No.	:		
Filed	:	Herewith	
PCT No.	:	PCT/US03/10000	Docket: 1079-PCT-02
PCT Filed	:	April 1, 2003	
Inventors	:	Paris Neofotistos	Conf. No.:
Title	:	APPARATUS FOR IRRADIATING	
	:	FLUIDS WITH UV	Dated: October 1, 2004

MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**37 CFR 1.10
EXPRESS MAIL CERTIFICATION**

"Express Mail" mailing label number: EV525096017US

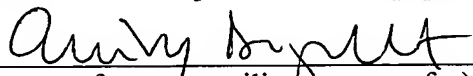
Date of Deposit: October 1, 2004

DESCRIPTION OF CONTENTS: Postcard, \$790.00 Check, Application Transmittal Letter, Form PTO-1390, in duplicate, Application Data Sheet (1 page), copy of Request (5 pages), copy of Forms PCT/IB/301, 304 and 308 including first page of WO 03/084879 and International Search Report, Information Disclosure Statement and Form PTO-1449.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to **Mail Stop PCT**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Emily Steigerwalt

(Typed or printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

10/509717

DT09 Rec'd PCT/PTO 01 OCT 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit	:	Customer No. 035811
Examiner	:	
Serial No.	:	
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PCT No.	:	PCT/US03/10000
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Inventors	:	Paris Neofotistos
Title	:	APPARATUS FOR IRRADIATING
	:	FLUIDS WITH UV
		Docket: 1079-PCT-02
		Conf. No.:
		Dated: October 1, 2004

APPLICATION TRANSMITTAL LETTER

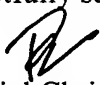
MAIL STOP PCT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We submit herewith for filing in the U.S. Patent and Trademark Office a filing under 35 U.S.C. 371 comprising: an Application Data Sheet (1 page), a copy of the Request (5 pages), copy of Forms PCT/IB/301, 304 and 308, including first page of WO 03/084879 and International Search Report, Form PTO-1390, in duplicate, an Information Disclosure Statement, Form PTO-1449, and our check in the amount of \$790.00, comprising the official filing fee.

Respectfully submitted,


T. Daniel Christenbury
Reg. No. 31,750
Attorney for Applicants

TDC:ers
(215) 656-3300